

## Excess Non-COVID-Related Mortality among IBD Decedents during the COVID-19 Pandemic

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### Introduction

- Previous studies have shown non-COVID-related excess mortality in several chronic conditions.
- We compared observed and predicted age-standardized mortality rates (ASMRs) among IBD patients during the COVID-19 pandemic.

### Methods

- Serial cross-sectional, population-based study
- Data on IBD-related deaths was collected using the National Vital Statistics System (NVSS) database from the CDC WONDER website
- IBD-related death = CD or UC listed at any cause of death position.
- COVID-related death = COVID-19 infection listed at any cause of death position.
- Predictive analyses were done to determine the predicted mortality rates in 2020 and 2021.

### Results

- IBD patients experienced excess death during the COVID-19 pandemic that wasn't directly due to COVID-19.
- Young UC patients and non-Hispanic black CD patients were the most impacted.
- Mortality rates at home or on arrival and in hospital were also greater than predicted.
- Mortality due to neoplasms rose to levels higher than ever before.

IBD patients had higher than predicted mortality rates during the COVID-19 pandemic

And not just because of the virus

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